

IN THE CLAIMS

Please amend the claims as follows:

1. (Original) A video signal processing apparatus, comprising:
an amplifier having an input for receiving a chroma input signal, an output for providing a chroma output signal;
a control circuit coupled to the amplifier for controlling the amplitude of a burst component of the output signal characterized in that the control circuit reduces the amplitude of the output signal in a controlled manner when the value of the burst component is below a predetermined value.
- Alt. cont'd.* 2. (Original) Apparatus according to Claim 1, characterized in that the control circuit comprises a first feedback path coupled to the amplifier and a second feedback path coupled to the first feedback path.
3. (Original) Apparatus according the Claim 2, characterized in that the first feedback path comprises a filter and the second feedback path is connected in parallel with the filter for controlling the values of a characteristic knee and/or slope characteristic of the apparatus for burst amplitudes below a given knee value.
4. (Original) In a television apparatus, an ACC system, comprising:
a controllable amplifier having an input for receiving a chroma input signal, an output for providing a chroma output signal of controllable amplitude, and a gain control input; and
a circuit for controlling the gain of the controllable amplifier, characterized in that the circuit comprises

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a first feedback path including a cascade connection of a means for providing a signal representative of a measured burst amplitude, a means for providing an error signal representative of the difference between a desired burst amplitude and the measured burst amplitude, and an integrator, coupled between the output of the controllable amplifier and a gain control input of the controllable amplifier, for integrating the error signal, and

a second feedback path coupled from an output of the integrator to an input of the integrator for reducing the gain of the amplifier at a predetermined rate for values of a burst component of the chroma input signal below a predetermined threshold value.

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5. (Original) The ACC system according to Claim 4, characterized in that the second feedback path includes:

circuit means for scaling, offsetting and limiting the integrator output signal to provide a control signal; and

means for applying the control signal to the input of the integrator.

6. (Original) The ACC system according to Claim 4, characterized in that the means for providing a signal representative of a measured burst amplitude comprises a burst gate.

7. (Original) The ACC system according to Claim 4, characterized in that the means for providing a signal representative of a measured burst amplitude comprises a chroma demodulator and a burst accumulator.

8. (New) A video signal processing apparatus, comprising:
an amplifier having an input for receiving a chroma input signal, an output for providing a chroma output signal;

a control circuit coupled to the amplifier for controlling the amplitude of a burst component of the output signal characterized in that the control circuit reduces the amplitude of the output signal in a controlled manner when the value of the burst component is below a predetermined value, the control circuit comprising a first feedback path having a filter coupled to the amplifier and a second feedback path connected in parallel with the filter for controlling the values of a characteristic knee and/or slope characteristic of the apparatus for burst amplitudes below a given knee value.

9. (New) A video signal processing apparatus, comprising:

an amplifier having a first input for receiving a chroma input signal, a gain control input, and an output for providing a chroma output signal;

a control circuit coupled to the gain control input of the amplifier for controlling the amplitude of a burst component of the output signal, wherein the control circuit detects when the value of the burst component is below a predetermined value and reduces the amplitude of the output signal in a controlled manner upon said detection.

10. (New) The apparatus of claim 9, wherein the control circuit comprises a first feedback path coupled to the amplifier and a second feedback path coupled to the first feedback path, the first feedback path including a filter, the second feedback path including circuitry for providing a gain-dependent offset signal to the first feedback path for reducing the gain of the amplifier at a predetermined rate for values of the burst component of the chroma input signal below the predetermined value.

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